

HOW TO SELECT A TFT LCD

The "norm":

- For parallel interface (aka CMOS, TTL, Digital RGB, Local Flat Panel...): make sure it is 3.3V (logic) with at least 640 x 480 resolution.

- For LVDS interface: most LCDs on the market will work on Ampro products.

- Use Sharp and NEC LCDs as reference:

http://www.sharpsma.com/sma/Products/Displays/Pselector/TFT_Display.htm

<http://www.nec-lcd.com/english/products/industry.html>

- Use Quadrangle Products as reference for cable assembly (good for quick demo) :

<http://www.quadrangleproducts.com/>

- Use Endicott Research Group, Inc., TDK, Taiyo Yuden / Xentek and MicroSemi / Linfinity as reference for Backlight Inverters:

<http://www.ergpower.com/pub/datasheets.asp>

<http://power.tdk.com/dcac/dcac-cxa-select.htm>

<http://www.t-yuden.com/ccflinverters/index.cfm>

<http://www.microsemi.com/support/searchlist.asp?MN=440&QUERY=inverter>

Special case:

- For Quarter VGA (320 x240) support: use Sharp LQ057Q3DC02 (5.7"), NEC NL3224BC35-20 (5.5"), and Kyocera TCG057QV1AD-G00 (5.7") as reference.

Really special case:

- Contact Technical Support.

NOTE: The following parts need to be purchased beside the LCD when preparing for demo:

- The Inverter (if it does not come with the LCD).
- The cable mating to the Inverter (input side)
- The cable mating to the selected LCD.